

Serial No. 09/613,389

May 10, 2004

Reply to the Office Action dated April 22, 2004

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This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

Claim 1 (canceled)

Claim 2 (previously presented): A loudspeaker comprising:
a spherical or hemispherical vibrator;
a first baffle board to mount the vibrator;
a second baffle board arranged with a space between the second baffle board and first baffle board; and
a plurality of spacers for connecting the first baffle board and second baffle board;
wherein the vibrator has the natural resonant frequency higher than the desired bandwidth of the loudspeaker.

Claim 3 (previously presented): A loudspeaker as claimed in claim 2, wherein the first and second baffle boards have natural resonant frequencies which are lower than the natural resonant frequency of the vibrator.

Claim 4 (previously presented): A loudspeaker as claimed in claim 2, wherein the first baffle board and second baffle board have the natural resonant frequencies which are different from each other.

Claim 5 (original): A loudspeaker as claimed in claim 4, wherein the first and second baffle boards have natural resonant frequencies which are lower than the natural resonant frequency of the vibrator.

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Claim 6 (previously presented): A loudspeaker as claimed in claim 2, wherein the resonance frequency of the space is different from the natural resonant frequency of the vibrator, and different from the natural resonant frequencies of the baffle boards.

Claim 7 (previously presented): A loudspeaker as claimed in claim 2, wherein the resonance frequency of the space is lower than the natural resonant frequency of the vibrator.

Claim 8 (original): A loudspeaker as claimed in claim 6, wherein the resonance frequency of the space is lower than the natural resonant frequency of the vibrator.

Claim 9 (previously presented): A loudspeaker as claimed in claim 2, wherein the resonance frequency of the space is higher than one of said first and second baffle boards, and lower than the other of said first and second baffle board.

Claim 10 (original): A loudspeaker as claimed in claim 6, wherein the resonance frequency of the space is higher than one of said first and second baffle boards, and lower than the other of said first and second baffle board.

Claim 11 (previously presented): A loudspeaker as claimed in claim 2, wherein said plurality of spacers includes four spacers.

Claim 12 (previously presented): A loudspeaker as claimed in claim 2, wherein said first baffle board is approximately circular.